EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	235	514/377.ccls.	USPAT	OR	OFF	2007/08/24 16:09
L2	216	l1 and @ad<"20030403"	USPAT	OR	OFF	2007/08/24 16:10
L3	12	l2 and 5-lipoxygenase	USPAT	OR	OFF	2007/08/24 16:11

Connecting via Winsock to STN

Welcome to STN International!   Enter x:x

LOGINID:ssspta1203pxs

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * *   Welcome to STN International   * * * * * * * * * * *

 NEWS 1   Web Page for STN Seminar Schedule - N. America
 NEWS 2   MAY 01   New CAS web site launched
 NEWS 3   MAY 08   CA/CAplus Indian patent publication number format defined
 NEWS 4   MAY 14   RDISCLOSURE on STN Easy enhanced with new search and display
                      fields
 NEWS 5   MAY 21   BIOSIS reloaded and enhanced with archival data
 NEWS 6   MAY 21   TOXCENTER enhanced with BIOSIS reload
 NEWS 7   MAY 21   CA/CAplus enhanced with additional kind codes for German
                      patents
 NEWS 8   MAY 22   CA/CAplus enhanced with IPC reclassification in Japanese
                      patents
 NEWS 9   JUN 27   CA/CAplus enhanced with pre-1967 CAS Registry Numbers
 NEWS 10   JUN 29   STN Viewer now available
 NEWS 11   JUN 29   STN Express, Version 8.2, now available
 NEWS 12   JUL 02   LEMBASE coverage updated
 NEWS 13   JUL 02   LMEDLINE coverage updated
 NEWS 14   JUL 02   SCISEARCH enhanced with complete author names
 NEWS 15   JUL 02   CHEMCATS accession numbers revised
 NEWS 16   JUL 02   CA/CAplus enhanced with utility model patents from China
 NEWS 17   JUL 16   CAplus enhanced with French and German abstracts
 NEWS 18   JUL 18   CA/CAplus patent coverage enhanced
 NEWS 19   JUL 26   USPATFULL/USPAT2 enhanced with IPC reclassification
 NEWS 20   JUL 30   USGENE now available on STN
 NEWS 21   AUG 06   CAS REGISTRY enhanced with new experimental property tags
 NEWS 22   AUG 06   BEILSTEIN updated with new compounds
 NEWS 23   AUG 06   FSTA enhanced with new thesaurus edition
 NEWS 24   AUG 13   CA/CAplus enhanced with additional kind codes for granted
                      patents
 NEWS 25   AUG 20   CA/CAplus enhanced with CAS indexing in pre-1907 records

 NEWS EXPRESS   29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,
                 CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
                 AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

 NEWS HOURS   STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN   Welcome Banner and News Items
 NEWS IPC8   For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN Customer
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* * * * * * * * * * * * * * * STN   Columbus * * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 16:04:20 ON 24 AUG 2007

=> file registry
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                 ENTRY   SESSION
FULL ESTIMATED COST   0.21   0.21

=>
Uploading C:\Program Files\Stnexp\Queries\10789725.str
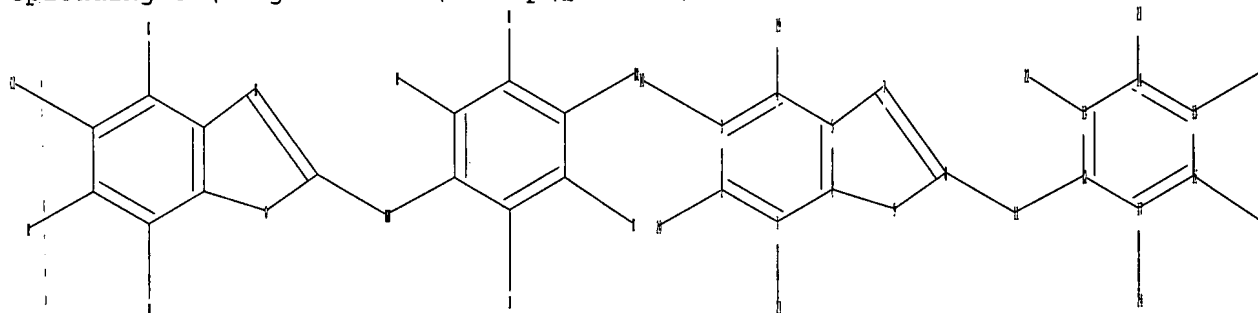
chain nodes :
10 11 18 19 20 21 22 23 24 25
ring nodes :
1 2 3 4 5 6 7 8 9 12 13 14 15 16 17
chain bonds :
1-21 2-20 3-10 4-19 8-11 11-12 13-22 14-23 15-18 16-25 17-24
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 12-13 12-17 13-14 14-15 15-16
 16-17
exact/norm bonds :
5-7 6-9 7-8 8-9 8-11 11-12
exact bonds :
1-21 2-20 3-10 4-19 13-22 14-23 15-18 16-25 17-24
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 12-13 12-17 13-14 14-15 15-16 16-17
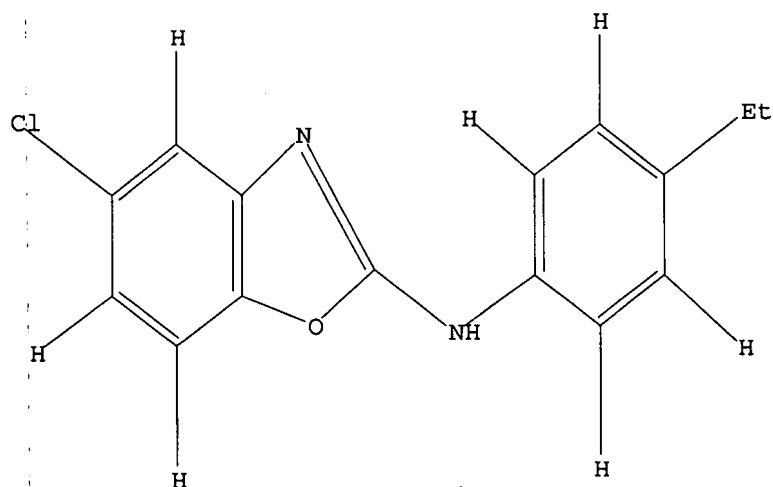

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS

L1   STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1   STR

Structure attributes must be viewed using STN Express query preparation.

=> s l1 exa full
FULL SEARCH INITIATED 16:04:55 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   2 TO ITERATE

100.0% PROCESSED   2 ITERATIONS   1 ANSWERS
SEARCH TIME: 00.00.01

L2   1 SEA EXA FUL L1

=> d l2

L2   ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
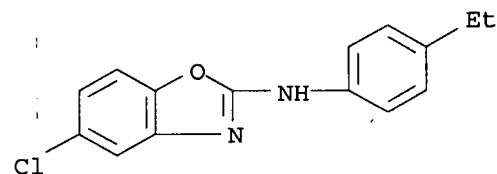RN   770710-44-6 REGISTRY
ED   Entered STN: 28 Oct 2004
CN   2-Benzoxazolamine, 5-chloro-N-(4-ethylphenyl)- (9CI) (CA INDEX NAME)
MF   C15 H13 Cl N2 O
SR   CA
LC   STN Files: CA, CAPLUS, CASREACT, USPATFULL

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

```
=> file medline caplus wpids uspatfull
COST IN U.S. DOLLARS                         SINCE FILE      TOTAL
                                             ENTRY           SESSION
FULL ESTIMATED COST                          60.65           60.86
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FILE 'MEDLINE' ENTERED AT 16:05:27 ON 24 AUG 2007

FILE 'CAPLUS' ENTERED AT 16:05:27 ON 24 AUG 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'WPIDS' ENTERED AT 16:05:27 ON 24 AUG 2007
COPYRIGHT (C) 2007 THE THOMSON CORPORATION

FILE 'USPATFULL' ENTERED AT 16:05:27 ON 24 AUG 2007
CA INDEXING COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

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=> s l2
SAMPLE SEARCH INITIATED 16:05:33 FILE 'WPIDS'
SAMPLE SCREEN SEARCH COMPLETED -        0 TO ITERATE

100.0% PROCESSED       0 ITERATIONS                      0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE   **COMPLETE**
                        BATCH    **COMPLETE**
PROJECTED ITERATIONS:            0 TO        0
PROJECTED ANSWERS:               0 TO        0

L3             3 L2

=> d l3 1-3 ibib, abs, hitstr
```

L3   ANSWER 1 OF 3   CAPLUS   COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:1225849 CAPLUS
DOCUMENT NUMBER: 144:88204
TITLE: A facile synthesis of 2-aminothiazolo[5,4-b]pyridines
                         and 2-aminobenzoxazoles via cyclization of thioureas
AUTHOR(S):   Yoon, Ju Hee; Song, Hyunmin; Kim, Sang Wong; Han,
                         Gyoonhee; Choo, Hea-Young Park
CORPORATE SOURCE: School of Pharmacy, Ewha Womans University, Seoul,
                         120-750, S. Korea
SOURCE: Heterocycles (2005), 65(11), 2729-2740
                         CODEN: HTCYAM; ISSN: 0385-5414
PUBLISHER: Japan Institute of Heterocyclic Chemistry
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S):   CASREACT 144:88204
AB   2-Aminothiazolo[5,4-b]pyridines and 2-aminobenzoxazoles were synthesized
      via acid-catalyzed cyclization from 2-hydroxy-3-thioureidopyridine and
      2-hydroxy-3-thioureidobenzene, resp., which in turn were prepared by the
      reaction of isothiocyanates with 2-hydroxy-3-aminopyridine or
      2-aminophenol. The OH group of N-(2-hydroxy-5-phenyl)-N'-phenylthiourea
      reacted as nucleophile to the thioureido carbon to give
      2-aminobenzoxazoles, whereas that of N-(2-hydroxypyridino)-N'-
      phenylthiourea reacted as leaving group upon the nucleophilic S of the
      thiourea group in the presence of CF_3CO_2H or H_3PO_4.
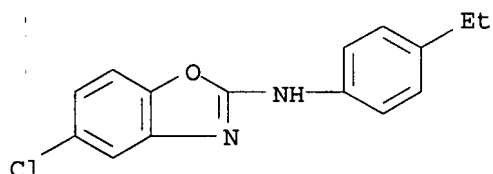IT   770710-44-6P
      RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of aminothiazolopyridines and aminobenzoxazoles via intramol.
cyclocondensation of hydroxy thioureas)
RN   770710-44-6 CAPLUS
CN   2-Benzoxazolamine, 5-chloro-N-(4-ethylphenyl)- (9CI)   (CA INDEX NAME)

REFERENCE COUNT: 15   THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS
                                 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3   ANSWER 2 OF 3   CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:825136 CAPLUS
DOCUMENT NUMBER: 141:332184
TITLE: Method for inhibiting 5-lipoxygenase using a
                           benzoxazole derivative or an analogue thereof
INVENTOR(S):   Park, Choo Hea Young; Chang, Hyeun Wook; Yoon, Ju Hee;
                           Ju, Hye Kyung
PATENT ASSIGNEE(S):   Ewha Hakdang Incorporated Educational Institution, S.
                           Korea
SOURCE: U.S. Pat. Appl. Publ., 11 pp.
   CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 2004198768	A1	20041007	US 2004-789725		20040227
KR 2004086698	A	20041012	KR 2003-21055		20030403
KR 2005007056	A	20050117	KR 2003-47104		20030711
US 2007066577	A1	20070322	US 2006-549280		20061013

PRIORITY APPLN. INFO.:   KR 2003-21055   A 20030403
                                           KR 2003-47104   A 20030711
                                           US 2004-789725   A2 20040227

OTHER SOURCE(S):   MARPAT 141:332184
GI
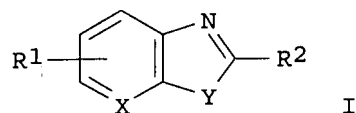
AB   The title compds. [I; X = CH, N; Y = O, S; R1 = H, OH, halo, alkyl, etc.;
      R2 = NR3R4 (wherein R3 = H, alkyl; R4 = (un)substituted Ph),
      (un)substituted Ph, 2-benzothienyl, 3-pyridyl, etc.] which inhibit
      5-lipoxygenase in a subject and are useful for preventing or treating a
      leukotriene-related diseases, were prepared Thus, reacting
      2-hydroxy-3-aminopyridine with Ph isothiocyanate followed by cyclization
      of N-(2-hydroxypyridino)-N'-phenylthiourea with TFA afforded I [Y = S; X =
      N; R1 = H, R2 = NHPh] which showed IC50 of 9.52 µM against
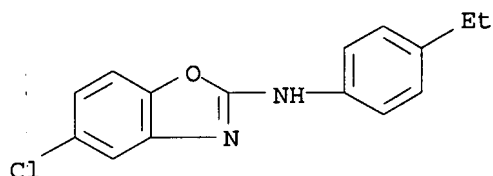   5-lipoxygenase.
IT   770710-44-6P
      RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
      (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(Uses)
        (preparation of benzoxazoles and analogs as 5-lipoxygenase inhibitors for
        preventing or treating a leukotriene-related diseases)
RN   770710-44-6 CAPLUS
CN   2-Benzoxazolamine, 5-chloro-N-(4-ethylphenyl)- (9CI)   (CA INDEX NAME)

L3   ANSWER 3 OF 3   USPATFULL on STN
ACCESSION NUMBER: 2004:255238 USPATFULL
TITLE: Method for inhibiting 5-lipoxygenase using a
                           benzoxazole derivative or an analogue thereof
INVENTOR(S):   Park Choo, Hea Young, Seoul, KOREA, REPUBLIC OF
                           Chang, Hyeun Wook, Daegu, KOREA, REPUBLIC OF
                           Yoon, Ju Hee, Seoul, KOREA, REPUBLIC OF
                           Ju, Hye Kyung, Daegu, KOREA, REPUBLIC OF

                           NUMBER   KIND   DATE
                           ---------------- ------ --------
PATENT INFORMATION: US 2004198768   A1   20041007
APPLICATION INFO.:   US 2004-789725   A1   20040227   (10)

                           NUMBER   DATE
                           ---------------- --------
PRIORITY INFORMATION: KR 2003-21055   20030403
                           KR 2003-47104   20030711
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: David A. Einhom, Esq., Anderson Kill & Olick, P.C.,
                           1251 Avenue of the Americas, New York, NY, 10020
NUMBER OF CLAIMS: 9
EXEMPLARY CLAIM: 1
LINE COUNT: 639
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB   Use of a benzoxazole derivative or an analogue thereof inhibits
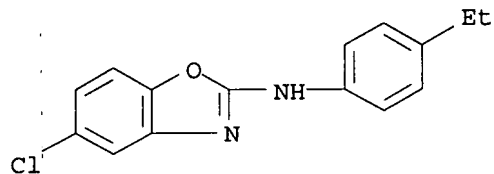   5-lipoxygenase in a subject.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 770710-44-6P
        (preparation of benzoxazoles and analogs as 5-lipoxygenase inhibitors for
        preventing or treating a leukotriene-related diseases)
RN   770710-44-6 USPATFULL
CN   2-Benzoxazolamine, 5-chloro-N-(4-ethylphenyl)- (9CI)   (CA INDEX NAME)

=> d his

```
     (FILE 'HOME' ENTERED AT 16:04:20 ON 24 AUG 2007)

     FILE 'REGISTRY' ENTERED AT 16:04:32 ON 24 AUG 2007
L1               STRUCTURE UPLOADED
L2            1 S L1 EXA FULL

     FILE 'MEDLINE, CAPLUS, WPIDS, USPATFULL' ENTERED AT 16:05:27 ON 24 AUG
     2007
L3            3 S L2

=>

---Logging off of STN---


=>
Executing the logoff script...


=> LOG Y

COST IN U.S. DOLLARS                              SINCE FILE      TOTAL
                                                    ENTRY        SESSION
FULL ESTIMATED COST                                 23.35         84.21

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)        SINCE FILE      TOTAL
                                                    ENTRY        SESSION
CA SUBSCRIBER PRICE                                 -1.56         -1.56

STN INTERNATIONAL LOGOFF AT 16:06:32 ON 24 AUG 2007
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